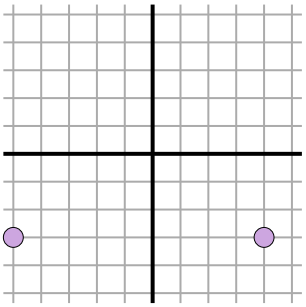
Finding Distance on a Grid

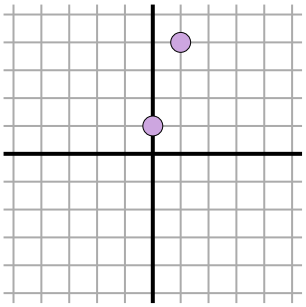
Name:

Find the distance between points. Round your answer to the nearest tenth.

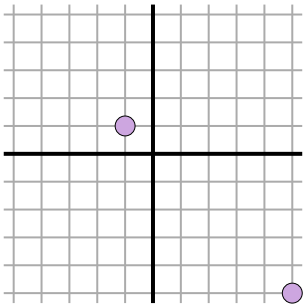
Ex)



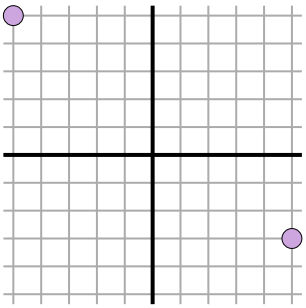
1)



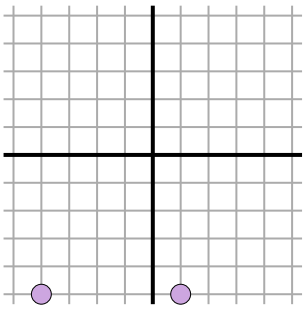
2)



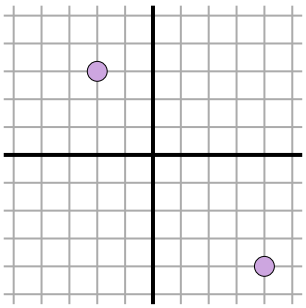
3)



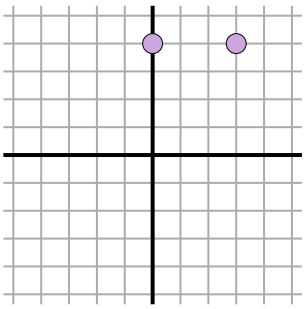
4)



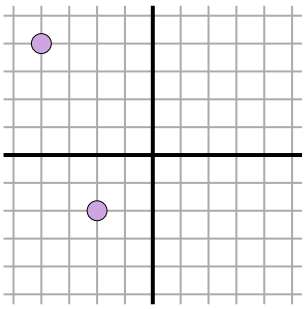
5)



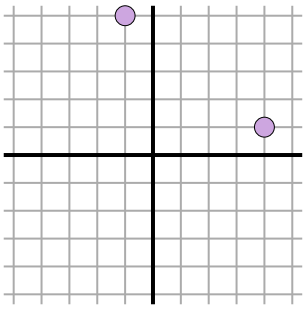
6)



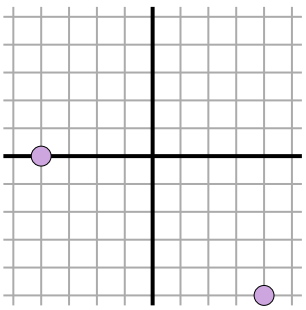
7)



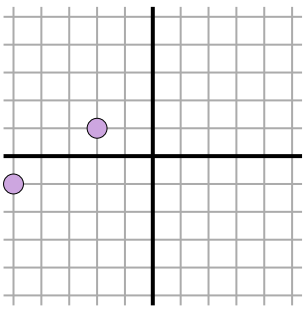
8)



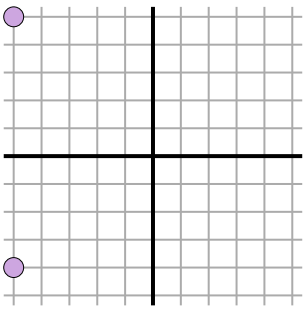
9)



10)



11)



Answers

Ex. 9

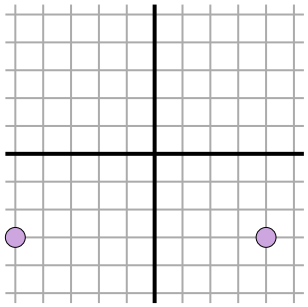
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

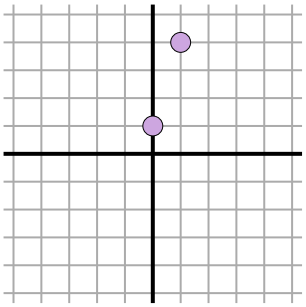
Ex)



$\sqrt{(-5-4)^2 + (-3--3)^2}$

$\sqrt{(81) + (0)}$

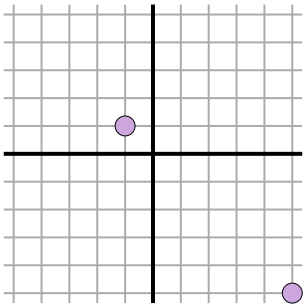
1)



$\sqrt{(1-0)^2 + (4-1)^2}$

$\sqrt{(1) + (9)}$

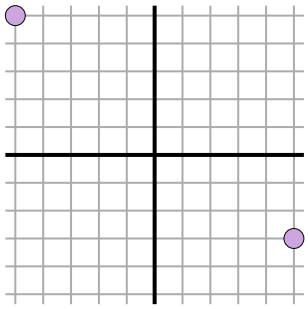
2)



$\sqrt{(-1-5)^2 + (1--5)^2}$

$\sqrt{(36) + (36)}$

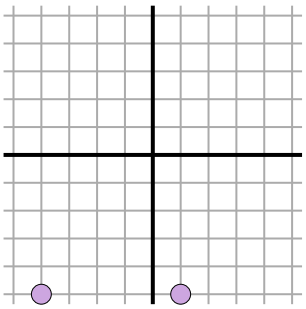
3)



$\sqrt{(5--5)^2 + (-3-5)^2}$

$\sqrt{(100) + (64)}$

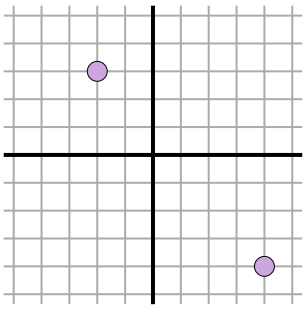
4)



$\sqrt{(1--4)^2 + (-5--5)^2}$

$\sqrt{(25) + (0)}$

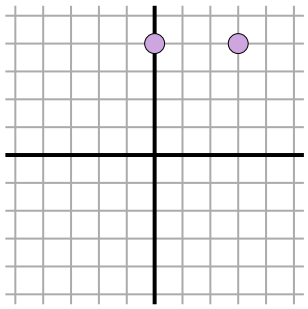
5)



$\sqrt{(4--2)^2 + (-4-3)^2}$

$\sqrt{(36) + (49)}$

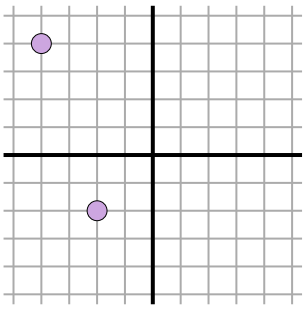
6)



$\sqrt{(0-3)^2 + (4-4)^2}$

$\sqrt{(9) + (0)}$

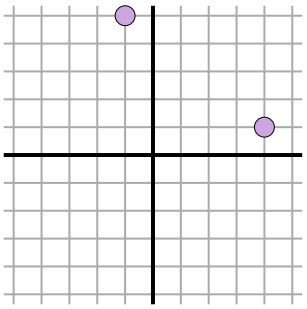
7)



$\sqrt{(-4--2)^2 + (4--2)^2}$

$\sqrt{(4) + (36)}$

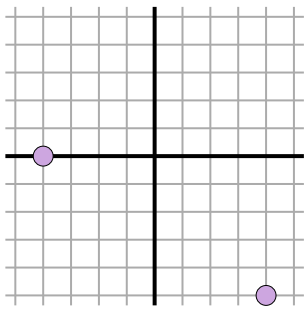
8)



$\sqrt{(-1-4)^2 + (5-1)^2}$

$\sqrt{(25) + (16)}$

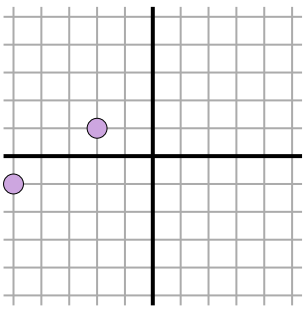
9)



$\sqrt{(-4-4)^2 + (0--5)^2}$

$\sqrt{(64) + (25)}$

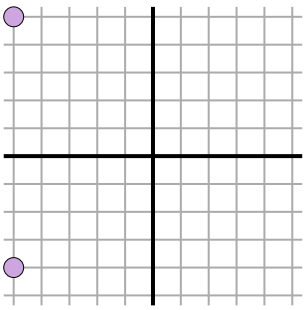
10)



$\sqrt{(-2--5)^2 + (1--1)^2}$

$\sqrt{(9) + (4)}$

11)



$\sqrt{(-5--5)^2 + (-4-5)^2}$

$\sqrt{(0) + (81)}$

Answers

Ex. 9

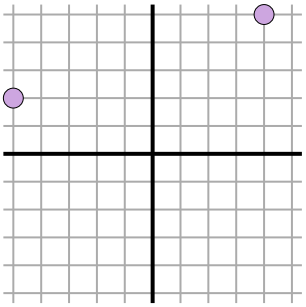
1. 3.2
2. 8.5
3. 12.8
4. 5
5. 9.2
6. 3
7. 6.3
8. 6.4
9. 9.4
10. 3.6
11. 9

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

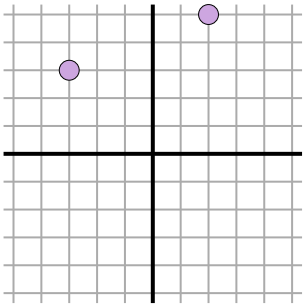
Finding Distance on a Grid Name:

Find the distance between points. Round your answer to the nearest tenth.

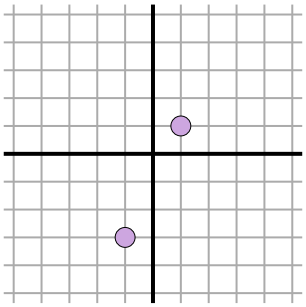
Ex)



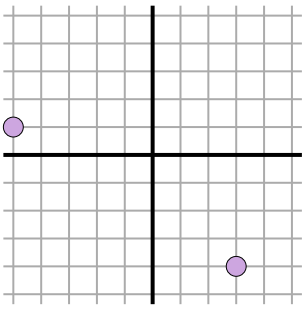
1)



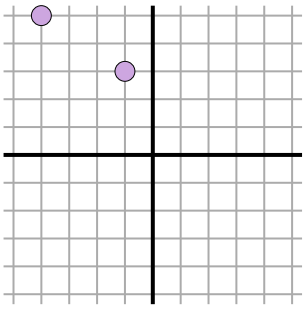
2)



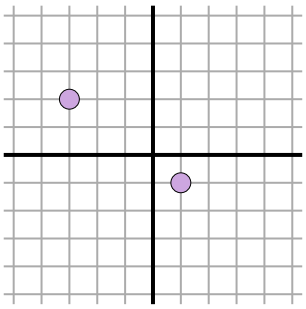
3)



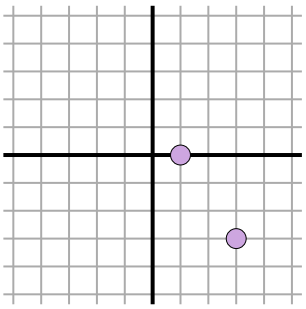
4)



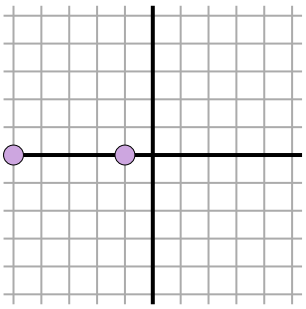
5)



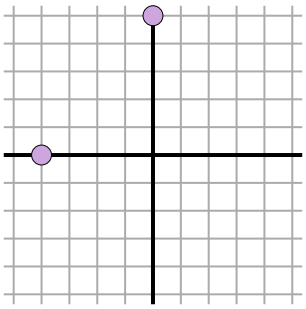
6)



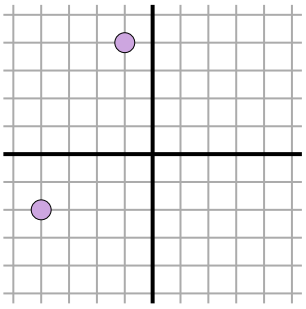
7)



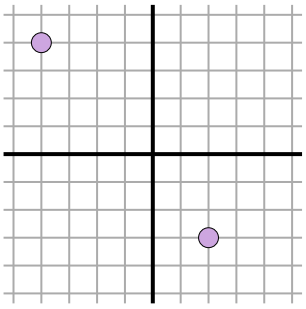
8)



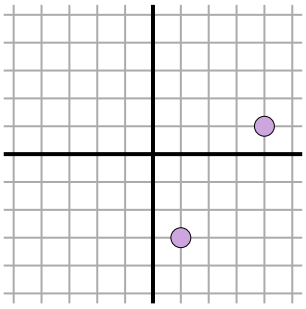
9)



10)



11)



Answers

Ex. 9.5

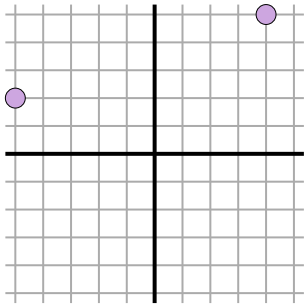
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

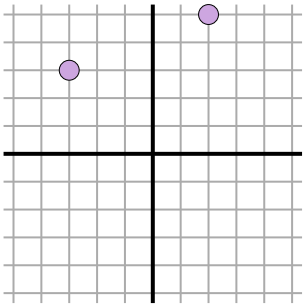
Ex)



$\sqrt{(-5-4)^2 + (2-5)^2}$

$\sqrt{(81) + (9)}$

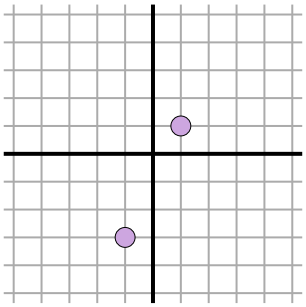
1)



$\sqrt{(2--3)^2 + (5-3)^2}$

$\sqrt{(25) + (4)}$

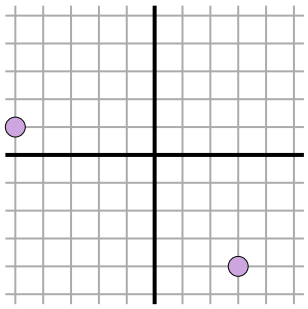
2)



$\sqrt{(-1-1)^2 + (-3-1)^2}$

$\sqrt{(4) + (16)}$

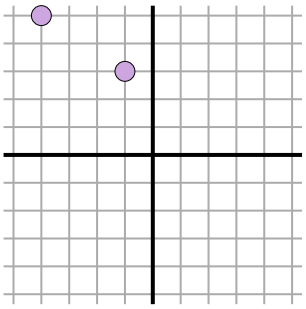
3)



$\sqrt{(3--5)^2 + (-4-1)^2}$

$\sqrt{(64) + (25)}$

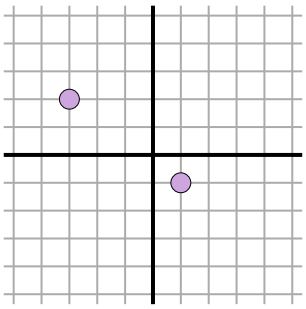
4)



$\sqrt{(-4--1)^2 + (5-3)^2}$

$\sqrt{(9) + (4)}$

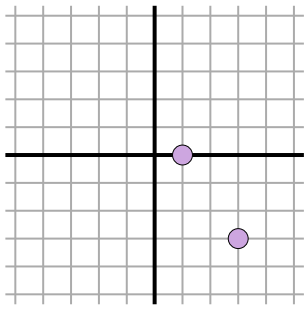
5)



$\sqrt{(-3-1)^2 + (2--1)^2}$

$\sqrt{(16) + (9)}$

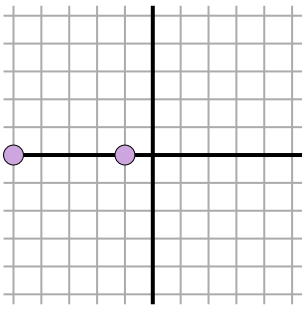
6)



$\sqrt{(1-3)^2 + (0--3)^2}$

$\sqrt{(4) + (9)}$

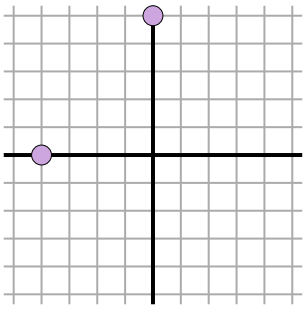
7)



$\sqrt{(-5--1)^2 + (0-0)^2}$

$\sqrt{(16) + (0)}$

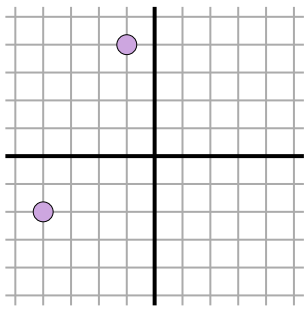
8)



$\sqrt{(0--4)^2 + (5-0)^2}$

$\sqrt{(16) + (25)}$

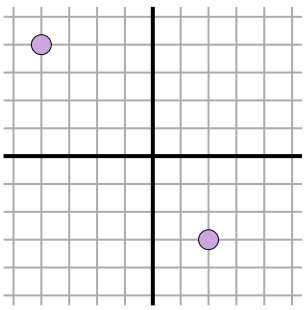
9)



$\sqrt{(-1--4)^2 + (4--2)^2}$

$\sqrt{(9) + (36)}$

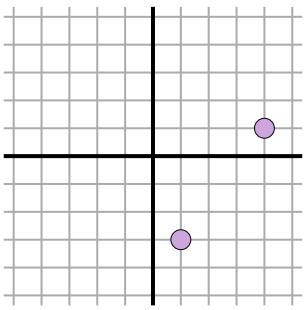
10)



$\sqrt{(2--4)^2 + (-3-4)^2}$

$\sqrt{(36) + (49)}$

11)



$\sqrt{(1-4)^2 + (-3-1)^2}$

$\sqrt{(9) + (16)}$

Answers

Ex. 9.5

1. 5.4
2. 4.5
3. 9.4
4. 3.6
5. 5
6. 3.6
7. 4
8. 6.4
9. 6.7
10. 9.2
11. 5

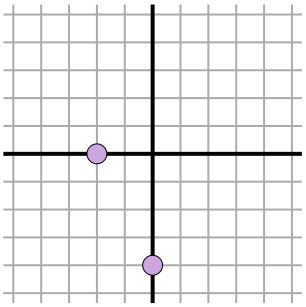
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

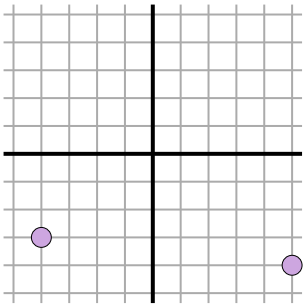
Name:

Find the distance between points. Round your answer to the nearest tenth.

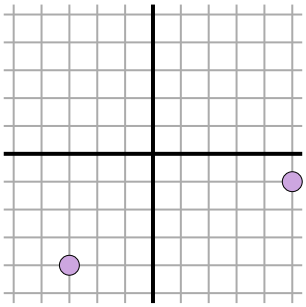
Ex)



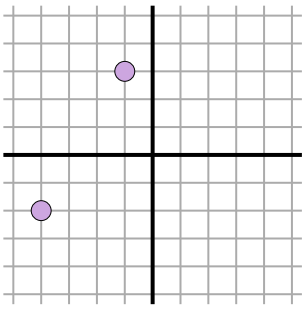
1)



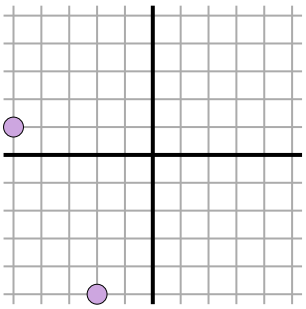
2)



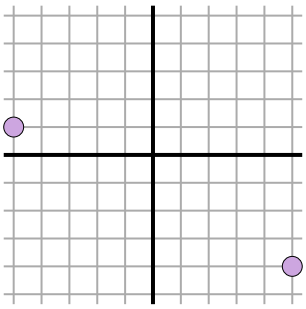
3)



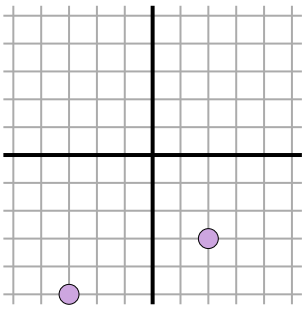
4)



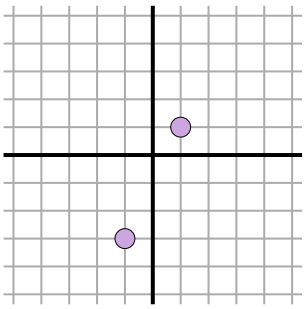
5)



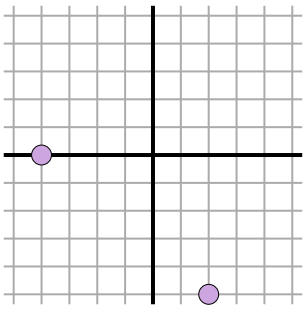
6)



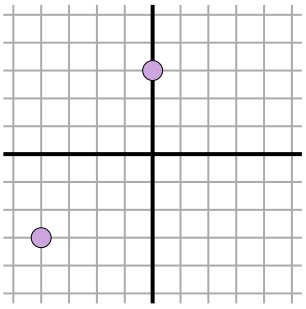
7)



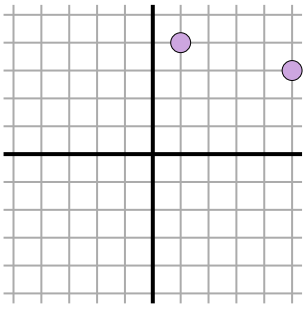
8)



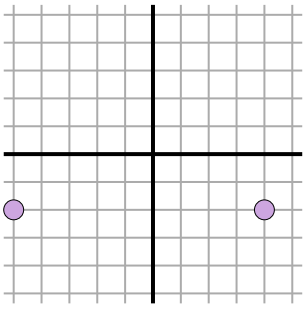
9)



10)



11)



Answers

Ex. 4.5

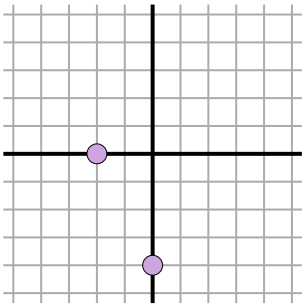
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

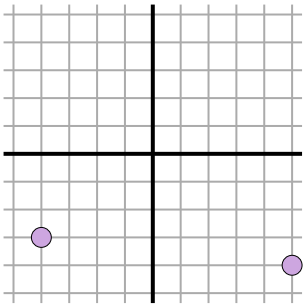
Ex)



$\sqrt{(-2-0)^2 + (0--4)^2}$

$\sqrt{(4) + (16)}$

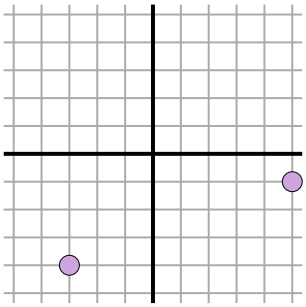
1)



$\sqrt{(5--4)^2 + (-4--3)^2}$

$\sqrt{(81) + (1)}$

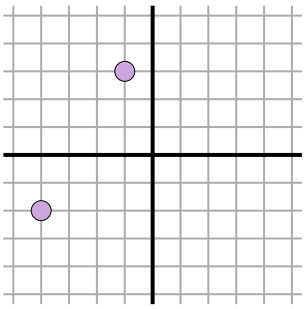
2)



$\sqrt{(5--3)^2 + (-1--4)^2}$

$\sqrt{(64) + (9)}$

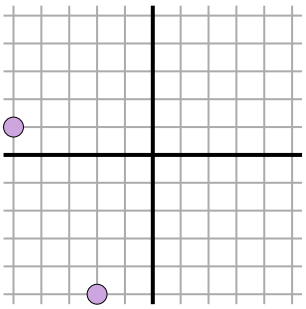
3)



$\sqrt{(-1--4)^2 + (3--2)^2}$

$\sqrt{(9) + (25)}$

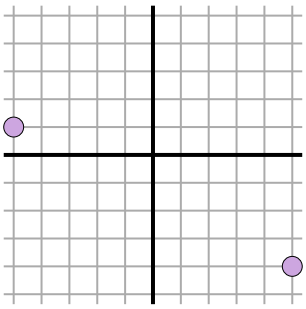
4)



$\sqrt{(-5--2)^2 + (1--5)^2}$

$\sqrt{(9) + (36)}$

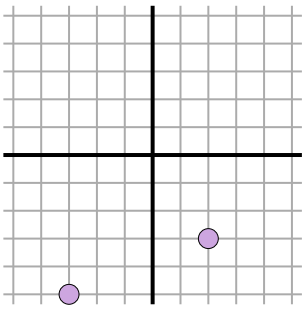
5)



$\sqrt{(5--5)^2 + (-4-1)^2}$

$\sqrt{(100) + (25)}$

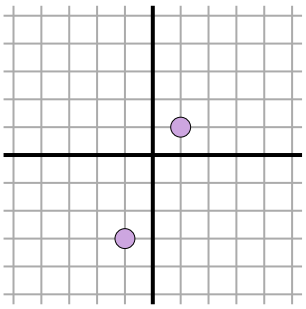
6)



$\sqrt{(2--3)^2 + (-3--5)^2}$

$\sqrt{(25) + (4)}$

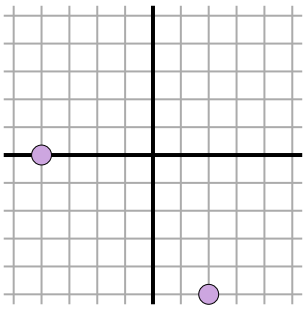
7)



$\sqrt{(1--1)^2 + (1--3)^2}$

$\sqrt{(4) + (16)}$

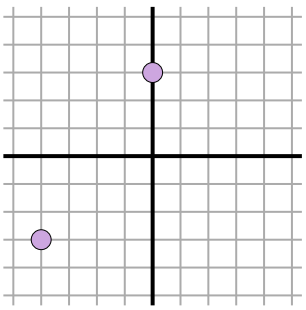
8)



$\sqrt{(2--4)^2 + (-5-0)^2}$

$\sqrt{(36) + (25)}$

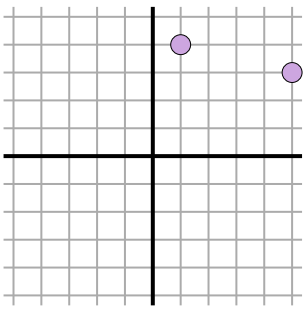
9)



$\sqrt{(0--4)^2 + (3--3)^2}$

$\sqrt{(16) + (36)}$

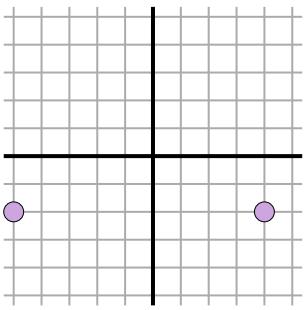
10)



$\sqrt{(5-1)^2 + (3-4)^2}$

$\sqrt{(16) + (1)}$

11)



$\sqrt{(4--5)^2 + (-2--2)^2}$

$\sqrt{(81) + (0)}$

Answers

Ex. 4.5

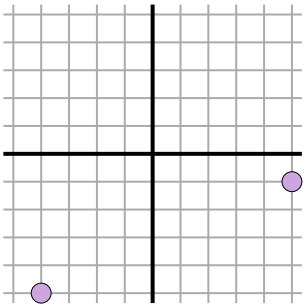
1. 9.1
2. 8.5
3. 5.8
4. 6.7
5. 11.2
6. 5.4
7. 4.5
8. 7.8
9. 7.2
10. 4.1
11. 9

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

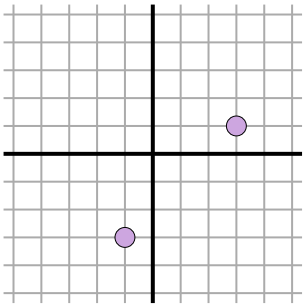
Finding Distance on a Grid Name:

Find the distance between points. Round your answer to the nearest tenth.

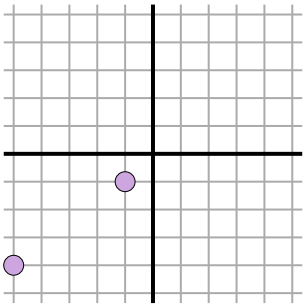
Ex)



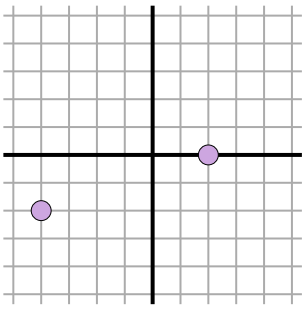
1)



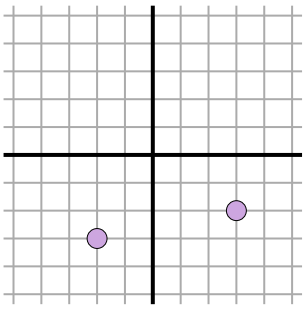
2)



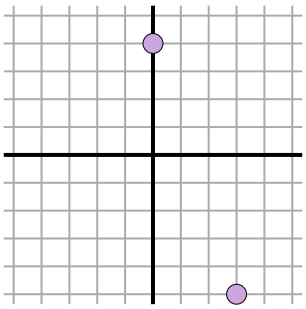
3)



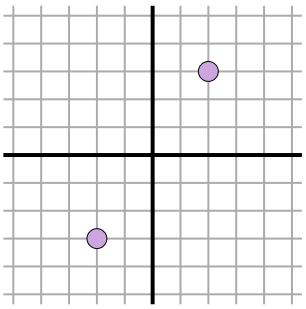
4)



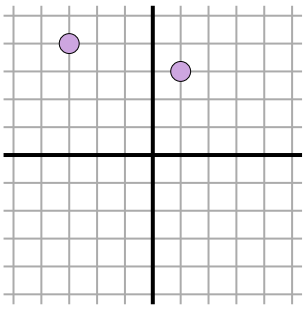
5)



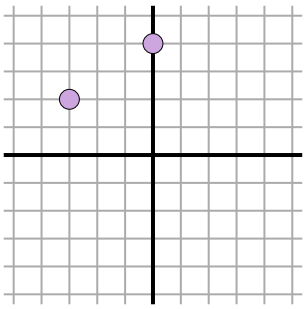
6)



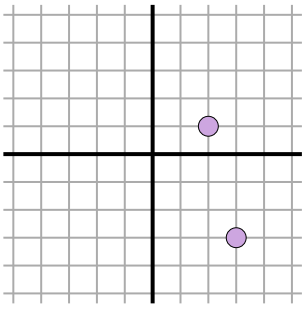
7)



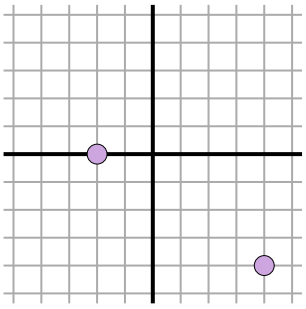
8)



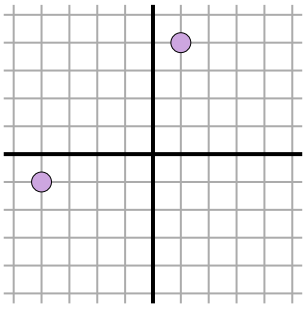
9)



10)



11)



Answers

Ex. 9.8

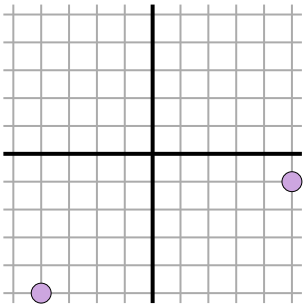
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

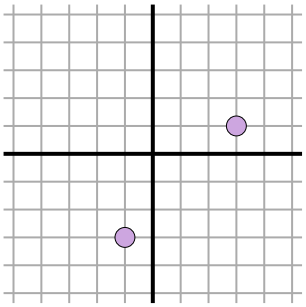
Ex)



$\sqrt{(5--4)^2 + (-1--5)^2}$

$\sqrt{(81) + (16)}$

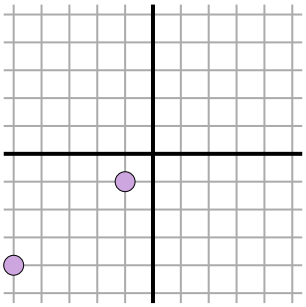
1)



$\sqrt{(-1-3)^2 + (-3-1)^2}$

$\sqrt{(16) + (16)}$

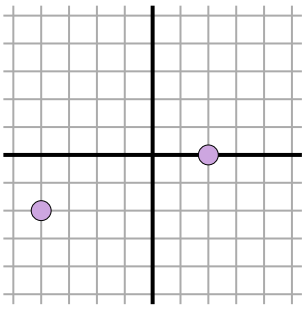
2)



$\sqrt{(-1--5)^2 + (-1--4)^2}$

$\sqrt{(16) + (9)}$

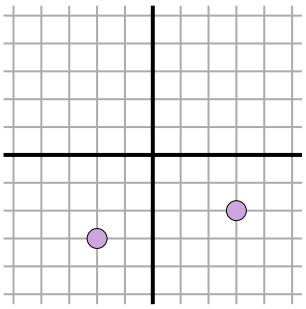
3)



$\sqrt{(-4-2)^2 + (-2-0)^2}$

$\sqrt{(36) + (4)}$

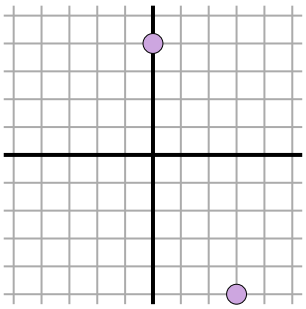
4)



$\sqrt{(-2-3)^2 + (-3--2)^2}$

$\sqrt{(25) + (1)}$

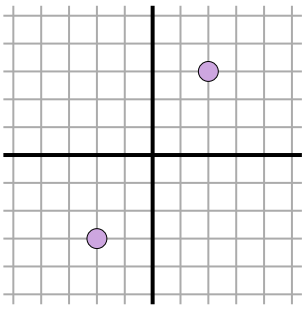
5)



$\sqrt{(3-0)^2 + (-5-4)^2}$

$\sqrt{(9) + (81)}$

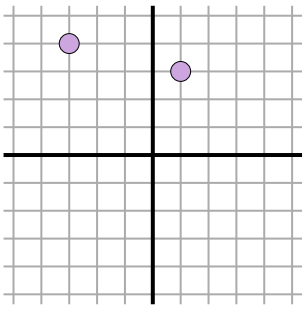
6)



$\sqrt{(2--2)^2 + (3--3)^2}$

$\sqrt{(16) + (36)}$

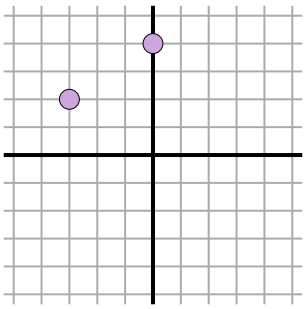
7)



$\sqrt{(1--3)^2 + (3-4)^2}$

$\sqrt{(16) + (1)}$

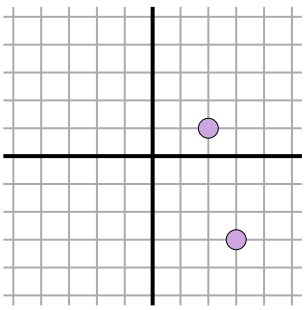
8)



$\sqrt{(-3-0)^2 + (2-4)^2}$

$\sqrt{(9) + (4)}$

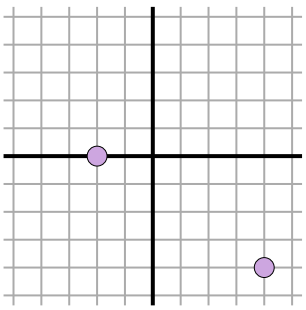
9)



$\sqrt{(3-2)^2 + (-3-1)^2}$

$\sqrt{(1) + (16)}$

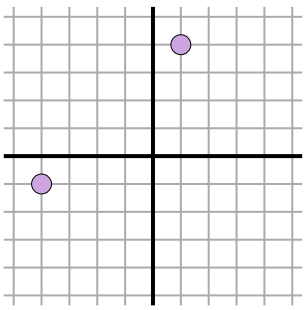
10)



$\sqrt{(4--2)^2 + (-4-0)^2}$

$\sqrt{(36) + (16)}$

11)



$\sqrt{(-4-1)^2 + (-1-4)^2}$

$\sqrt{(25) + (25)}$

Answers

Ex. 9.8

1. 5.7
2. 5
3. 6.3
4. 5.1
5. 9.5
6. 7.2
7. 4.1
8. 3.6
9. 4.1
10. 7.2
11. 7.1

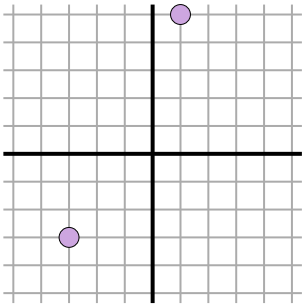
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

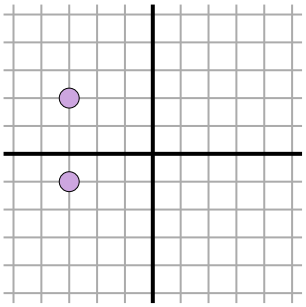
Name:

Find the distance between points. Round your answer to the nearest tenth.

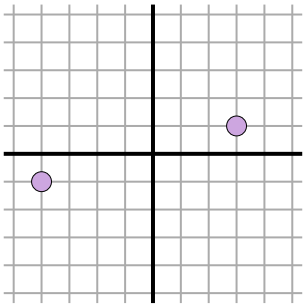
Ex)



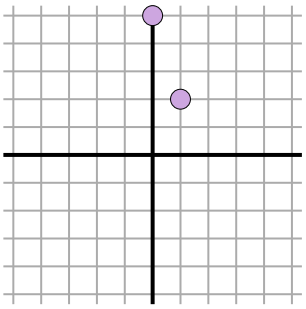
1)



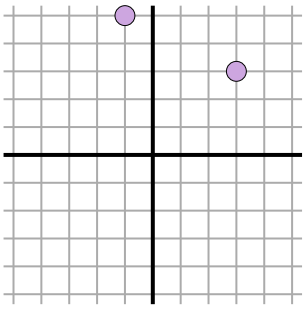
2)



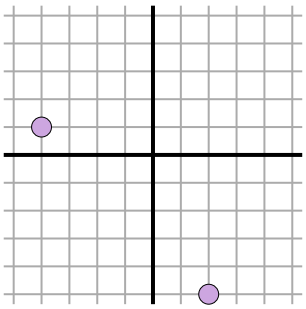
3)



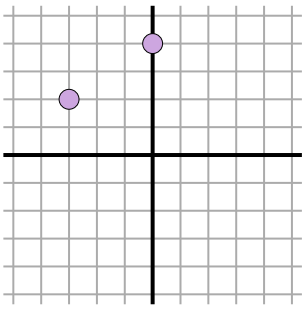
4)



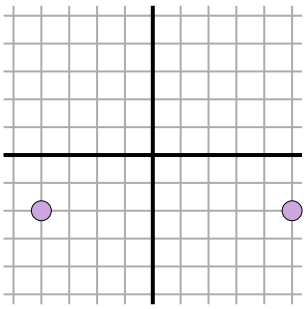
5)



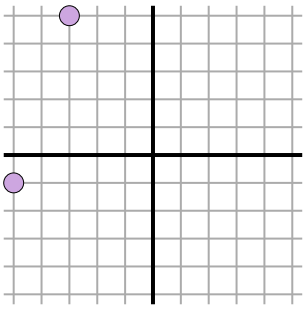
6)



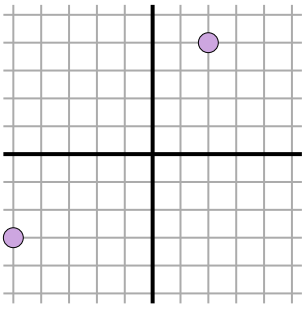
7)



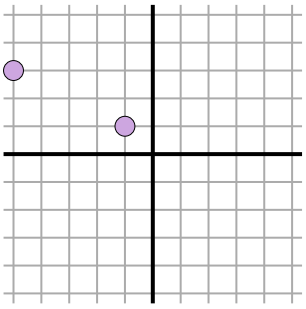
8)



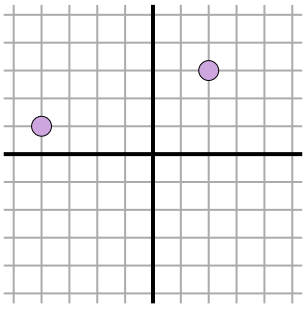
9)



10)



11)



Answers

Ex. 8.9

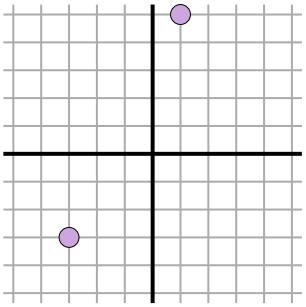
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

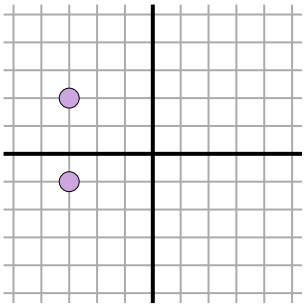
Ex)



$\sqrt{(-3-1)^2 + (-3-5)^2}$

$\sqrt{(16) + (64)}$

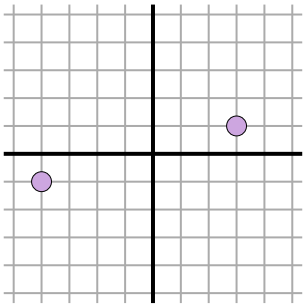
1)



$\sqrt{(-3--3)^2 + (-1-2)^2}$

$\sqrt{(0) + (9)}$

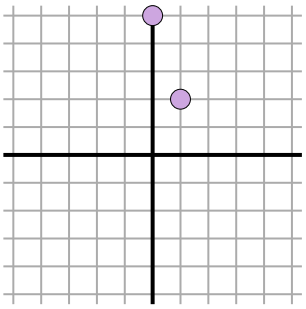
2)



$\sqrt{(-4-3)^2 + (-1-1)^2}$

$\sqrt{(49) + (4)}$

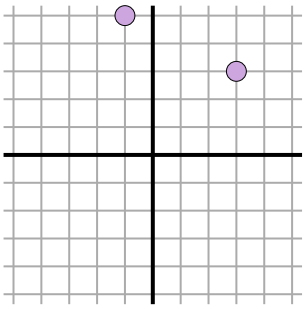
3)



$\sqrt{(1-0)^2 + (2-5)^2}$

$\sqrt{(1) + (9)}$

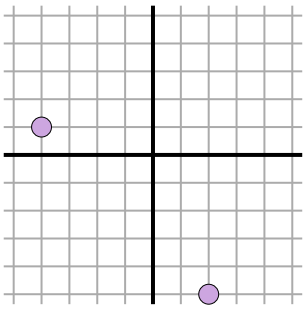
4)



$\sqrt{(3--1)^2 + (3-5)^2}$

$\sqrt{(16) + (4)}$

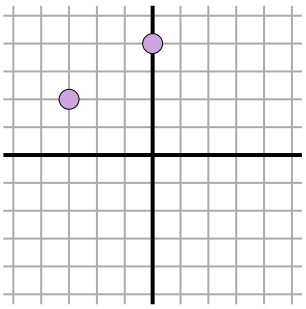
5)



$\sqrt{(2--4)^2 + (-5-1)^2}$

$\sqrt{(36) + (36)}$

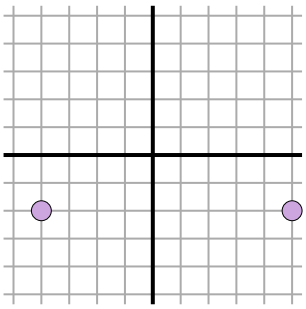
6)



$\sqrt{(-3-0)^2 + (2-4)^2}$

$\sqrt{(9) + (4)}$

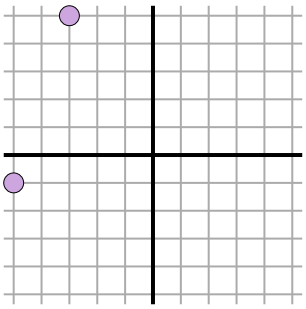
7)



$\sqrt{(-4-5)^2 + (-2--2)^2}$

$\sqrt{(81) + (0)}$

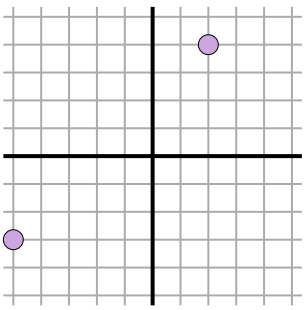
8)



$\sqrt{(-3--5)^2 + (5--1)^2}$

$\sqrt{(4) + (36)}$

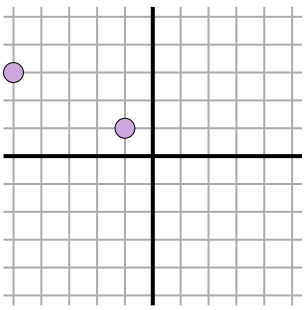
9)



$\sqrt{(-5-2)^2 + (-3-4)^2}$

$\sqrt{(49) + (49)}$

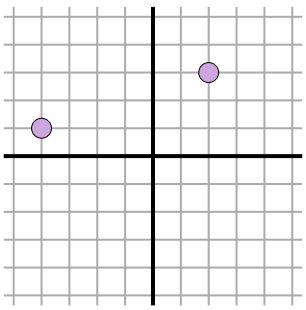
10)



$\sqrt{(-1--5)^2 + (1-3)^2}$

$\sqrt{(16) + (4)}$

11)



$\sqrt{(2--4)^2 + (3-1)^2}$

$\sqrt{(36) + (4)}$

Answers

Ex. 8.9

1. 3

2. 7.3

3. 3.2

4. 4.5

5. 8.5

6. 3.6

7. 9

8. 6.3

9. 9.9

10. 4.5

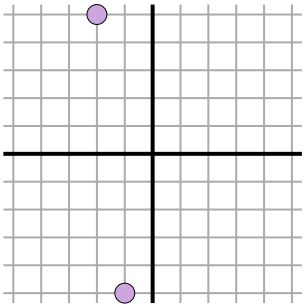
11. 6.3

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

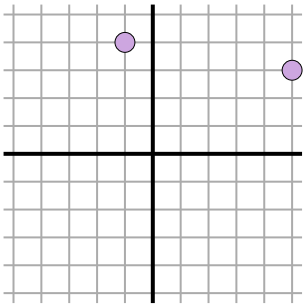
Finding Distance on a Grid Name:

Find the distance between points. Round your answer to the nearest tenth.

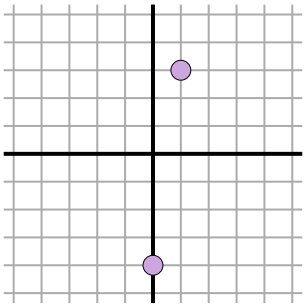
Ex)



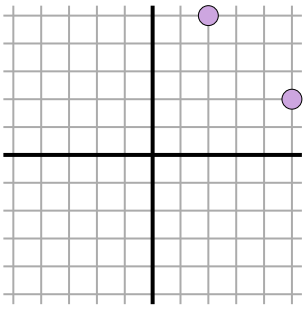
1)



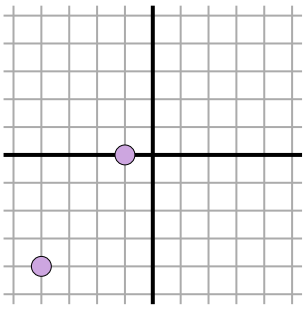
2)



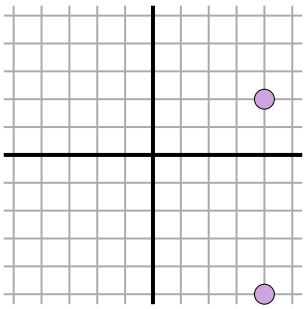
3)



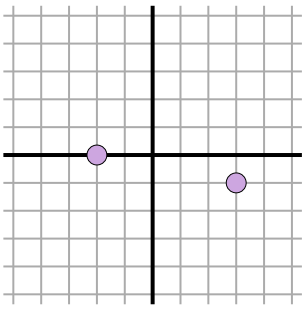
4)



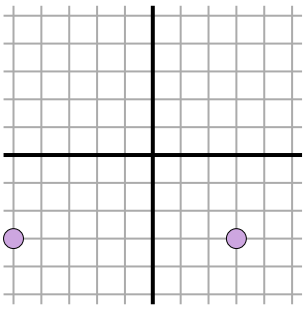
5)



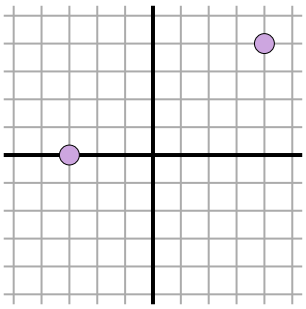
6)



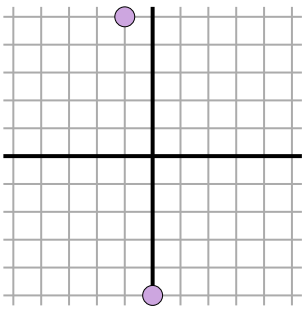
7)



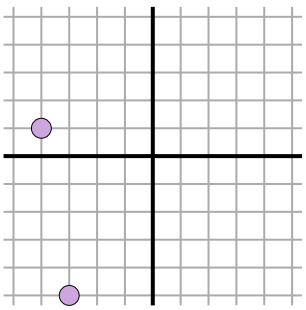
8)



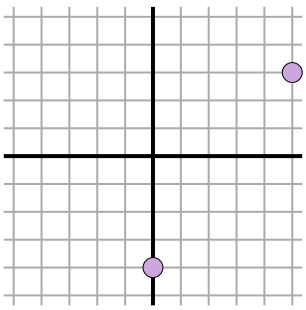
9)



10)



11)



Answers

Ex. 10

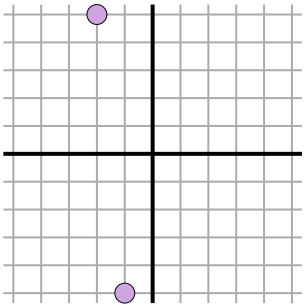
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

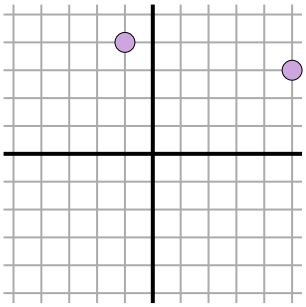
Ex)



$\sqrt{(-2--1)^2 + (5--5)^2}$

$\sqrt{(1) + (100)}$

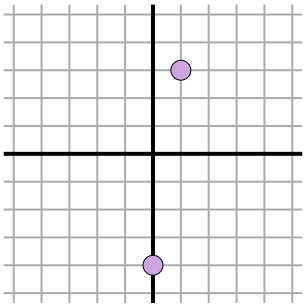
1)



$\sqrt{(5--1)^2 + (3-4)^2}$

$\sqrt{(36) + (1)}$

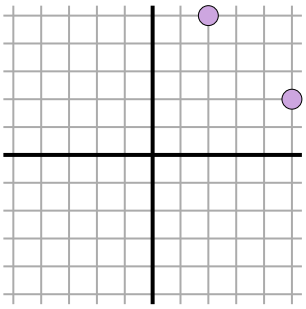
2)



$\sqrt{(1-0)^2 + (3--4)^2}$

$\sqrt{(1) + (49)}$

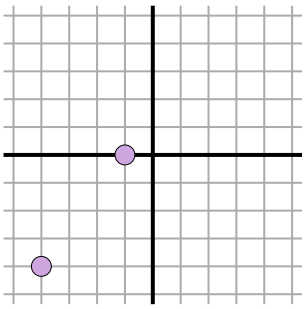
3)



$\sqrt{(5-2)^2 + (2-5)^2}$

$\sqrt{(9) + (9)}$

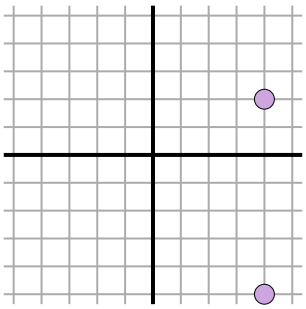
4)



$\sqrt{(-4--1)^2 + (-4-0)^2}$

$\sqrt{(9) + (16)}$

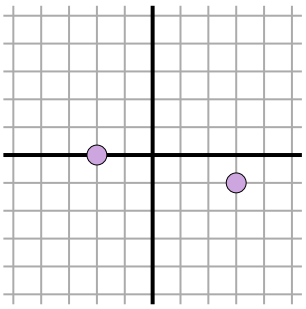
5)



$\sqrt{(4-4)^2 + (-5-2)^2}$

$\sqrt{(0) + (49)}$

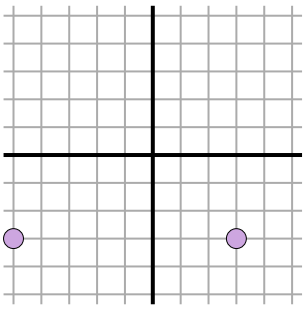
6)



$\sqrt{(3--2)^2 + (-1-0)^2}$

$\sqrt{(25) + (1)}$

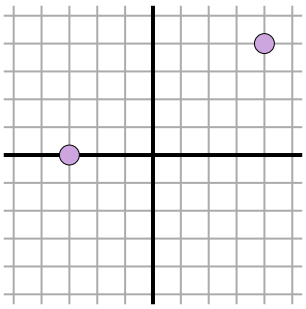
7)



$\sqrt{(-5-3)^2 + (-3--3)^2}$

$\sqrt{(64) + (0)}$

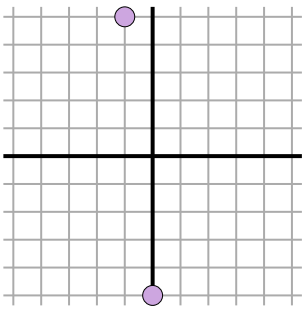
8)



$\sqrt{(4--3)^2 + (4-0)^2}$

$\sqrt{(49) + (16)}$

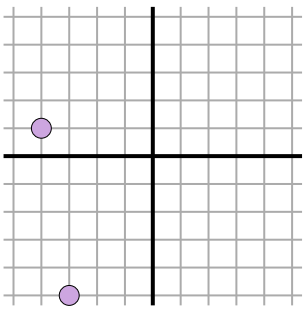
9)



$\sqrt{(-1-0)^2 + (5--5)^2}$

$\sqrt{(1) + (100)}$

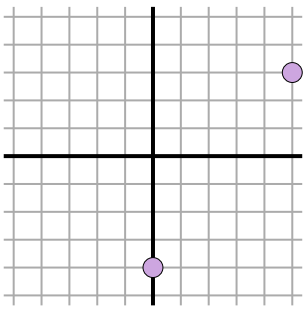
10)



$\sqrt{(-4--3)^2 + (1--5)^2}$

$\sqrt{(1) + (36)}$

11)



$\sqrt{(0-5)^2 + (-4-3)^2}$

$\sqrt{(25) + (49)}$

Answers

Ex. 10

1. 6.1
2. 7.1
3. 4.2
4. 5
5. 7
6. 5.1
7. 8
8. 8.1
9. 10
10. 6.1
11. 8.6

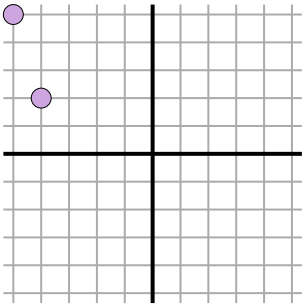
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

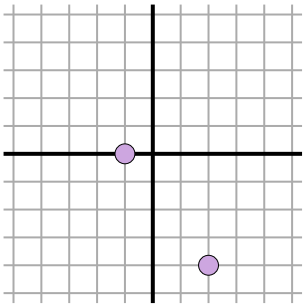
Name:

Find the distance between points. Round your answer to the nearest tenth.

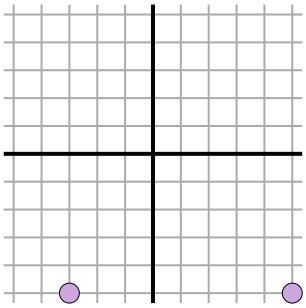
Ex)



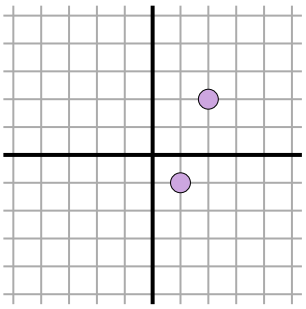
1)



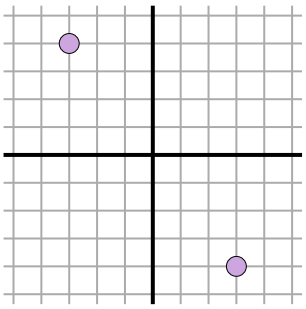
2)



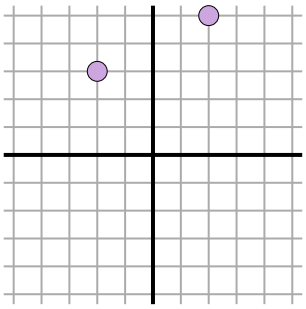
3)



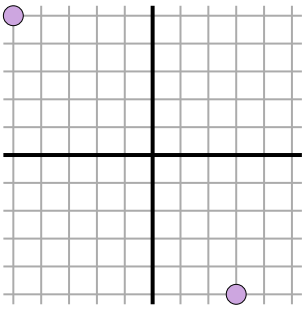
4)



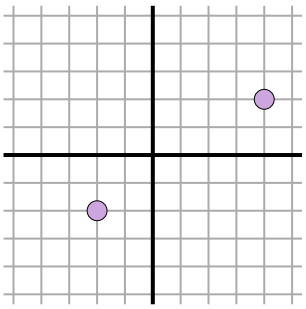
5)



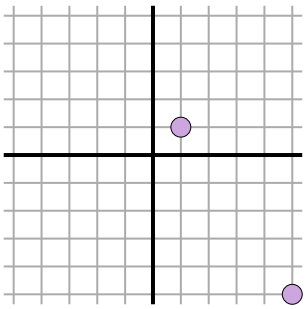
6)



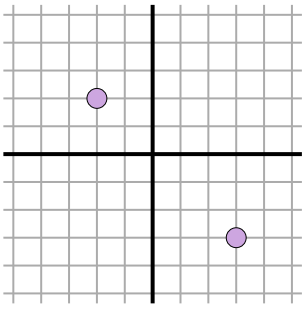
7)



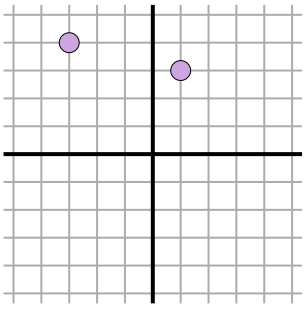
8)



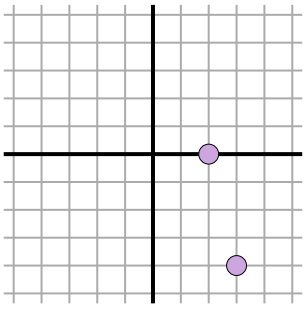
9)



10)



11)



Answers

Ex. 3.2

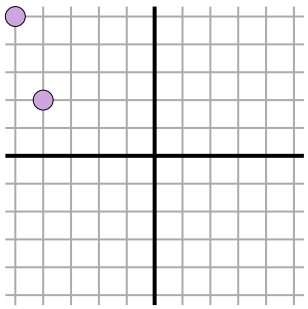
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

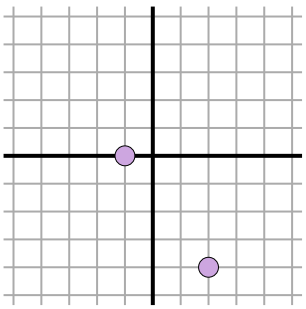
Ex)



$\sqrt{(-5--4)^2 + (5-2)^2}$

$\sqrt{(1) + (9)}$

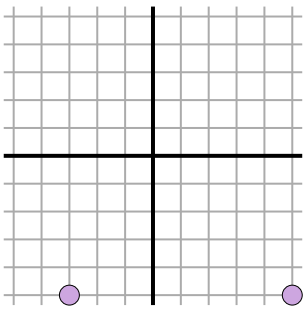
1)



$\sqrt{(2--1)^2 + (-4-0)^2}$

$\sqrt{(9) + (16)}$

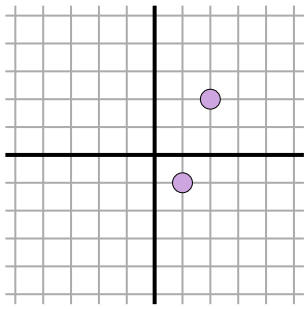
2)



$\sqrt{(5--3)^2 + (-5--5)^2}$

$\sqrt{(64) + (0)}$

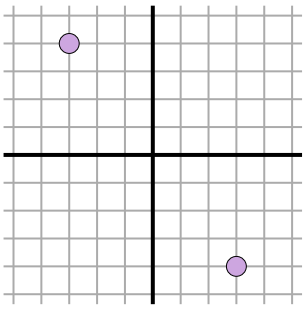
3)



$\sqrt{(2-1)^2 + (2--1)^2}$

$\sqrt{(1) + (9)}$

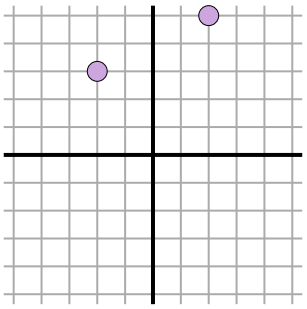
4)



$\sqrt{(3--3)^2 + (-4-4)^2}$

$\sqrt{(36) + (64)}$

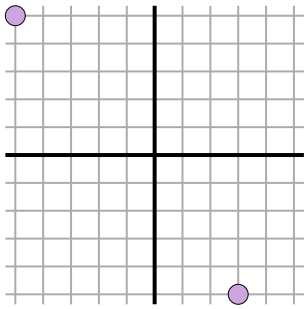
5)



$\sqrt{(-2-2)^2 + (3-5)^2}$

$\sqrt{(16) + (4)}$

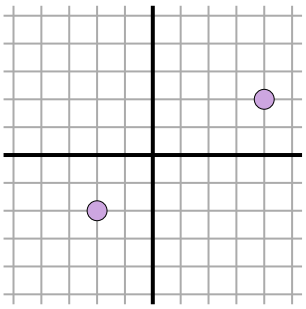
6)



$\sqrt{(3--5)^2 + (-5-5)^2}$

$\sqrt{(64) + (100)}$

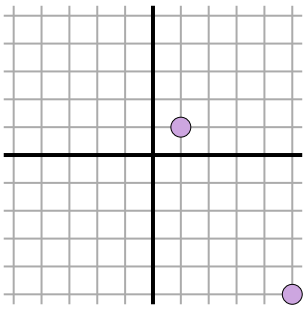
7)



$\sqrt{(4--2)^2 + (2--2)^2}$

$\sqrt{(36) + (16)}$

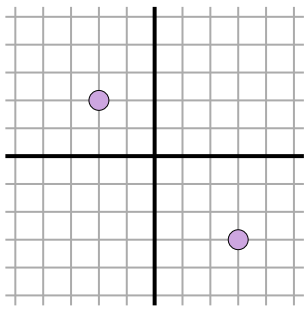
8)



$\sqrt{(5-1)^2 + (-5-1)^2}$

$\sqrt{(16) + (36)}$

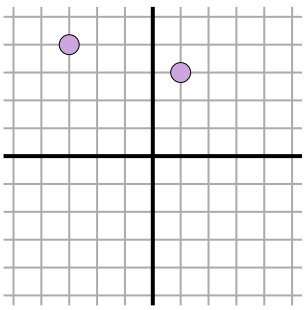
9)



$\sqrt{(-2-3)^2 + (2--3)^2}$

$\sqrt{(25) + (25)}$

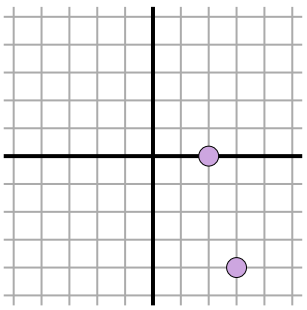
10)



$\sqrt{(1--3)^2 + (3-4)^2}$

$\sqrt{(16) + (1)}$

11)



$\sqrt{(3-2)^2 + (-4-0)^2}$

$\sqrt{(1) + (16)}$

Answers

Ex. 3.2

1. 5
2. 8
3. 3.2
4. 10
5. 4.5
6. 12.8
7. 7.2
8. 7.2
9. 7.1
10. 4.1
11. 4.1

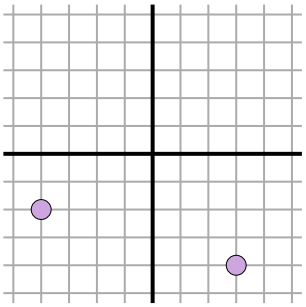
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

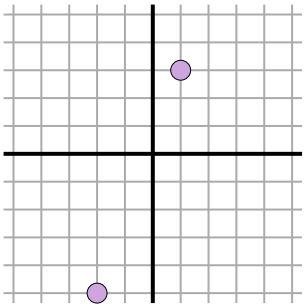
Name:

Find the distance between points. Round your answer to the nearest tenth.

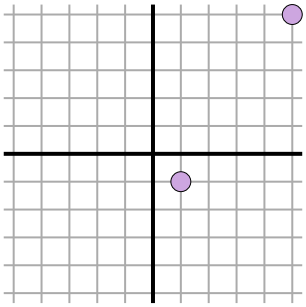
Ex)



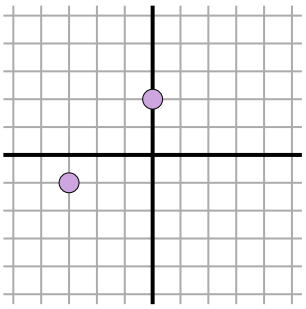
1)



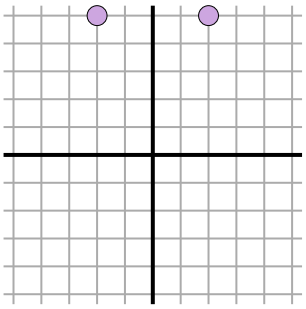
2)



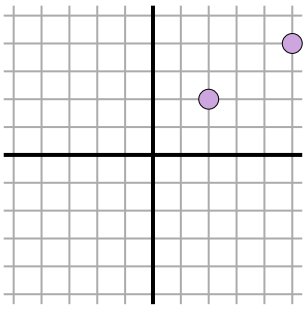
3)



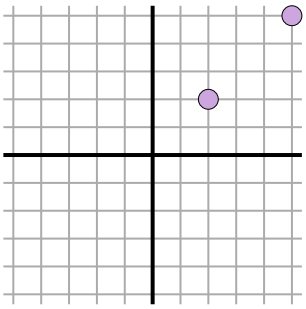
4)



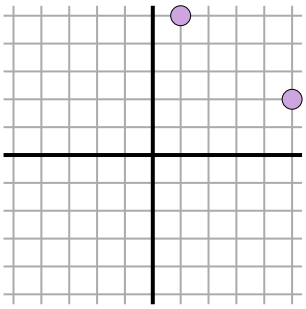
5)



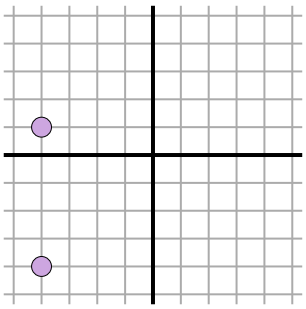
6)



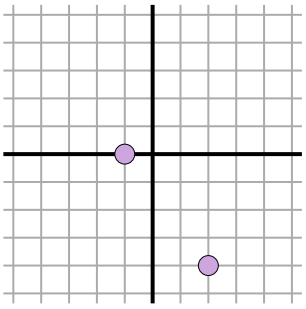
7)



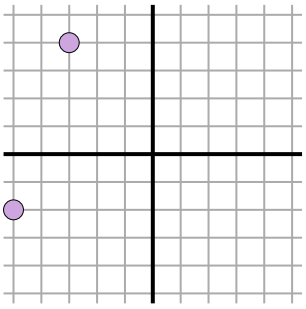
8)



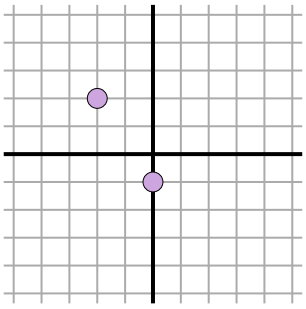
9)



10)



11)



Answers

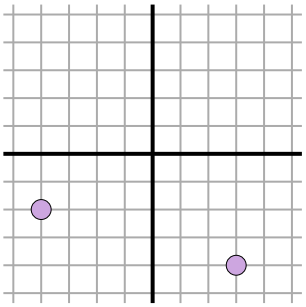
Ex. 7.3

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Find the distance between points. Round your answer to the nearest tenth.

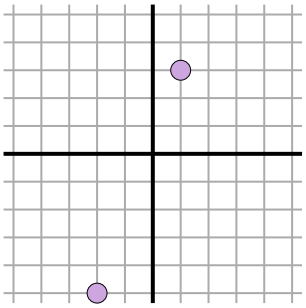
Ex)



$\sqrt{(3--4)^2 + (-4--2)^2}$

$\sqrt{(49) + (4)}$

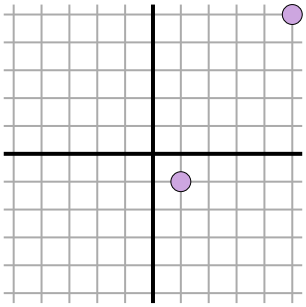
1)



$\sqrt{(1--2)^2 + (3--5)^2}$

$\sqrt{(9) + (64)}$

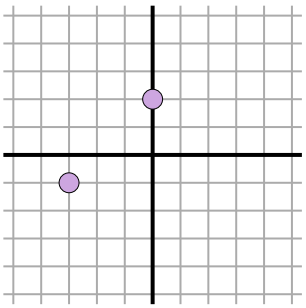
2)



$\sqrt{(1-5)^2 + (-1-5)^2}$

$\sqrt{(16) + (36)}$

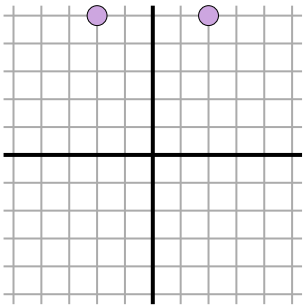
3)



$\sqrt{(0--3)^2 + (2--1)^2}$

$\sqrt{(9) + (9)}$

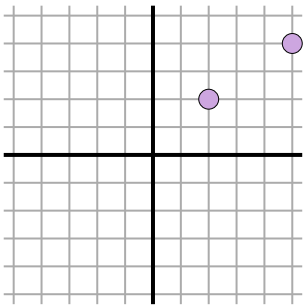
4)



$\sqrt{(2--2)^2 + (5-5)^2}$

$\sqrt{(16) + (0)}$

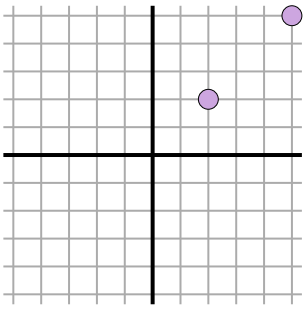
5)



$\sqrt{(5-2)^2 + (4-2)^2}$

$\sqrt{(9) + (4)}$

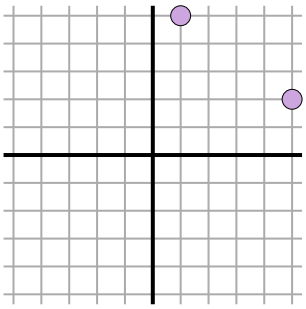
6)



$\sqrt{(2-5)^2 + (2-5)^2}$

$\sqrt{(9) + (9)}$

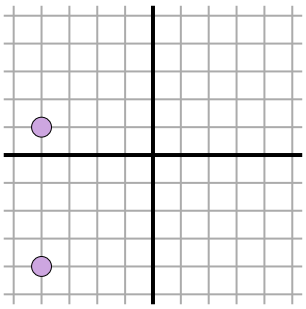
7)



$\sqrt{(1-5)^2 + (5-2)^2}$

$\sqrt{(16) + (9)}$

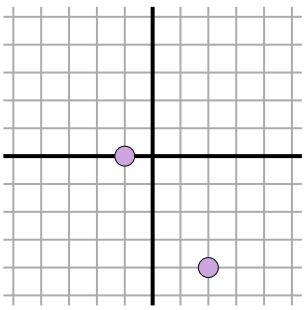
8)



$\sqrt{(-4--4)^2 + (1--4)^2}$

$\sqrt{(0) + (25)}$

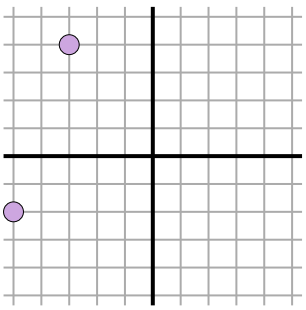
9)



$\sqrt{(-1-2)^2 + (0--4)^2}$

$\sqrt{(9) + (16)}$

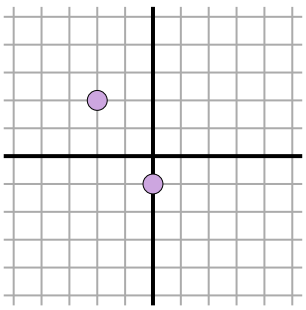
10)



$\sqrt{(-5--3)^2 + (-2-4)^2}$

$\sqrt{(4) + (36)}$

11)



$\sqrt{(0--2)^2 + (-1-2)^2}$

$\sqrt{(4) + (9)}$

Answers

Ex. 7.3

1. 8.5
2. 7.2
3. 4.2
4. 4
5. 3.6
6. 4.2
7. 5
8. 5
9. 5
10. 6.3
11. 3.6

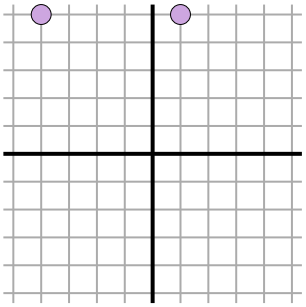
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid

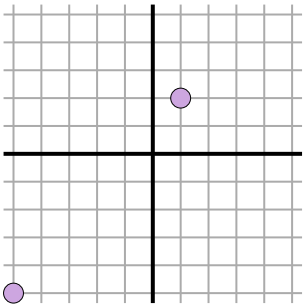
Name:

Find the distance between points. Round your answer to the nearest tenth.

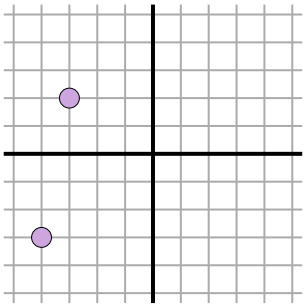
Ex)



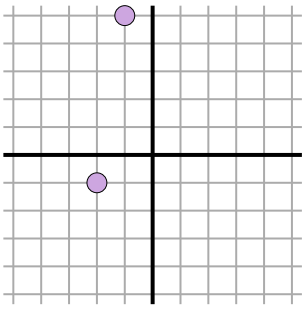
1)



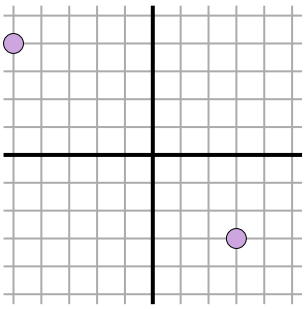
2)



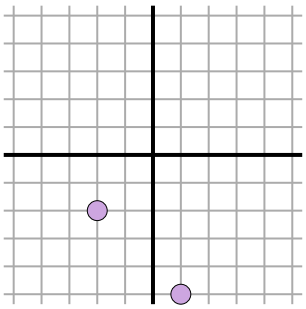
3)



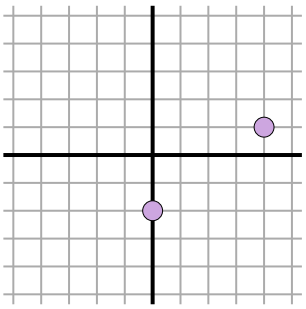
4)



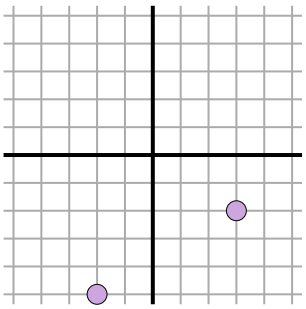
5)



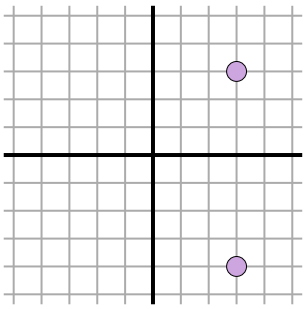
6)



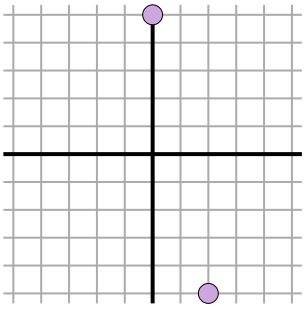
7)



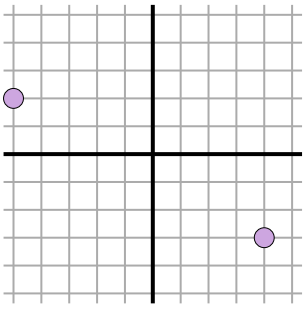
8)



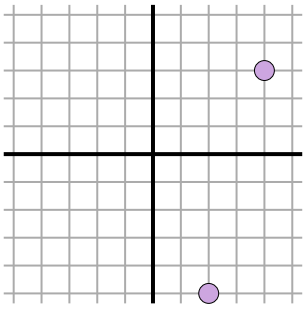
9)



10)



11)



Answers

Ex. 5

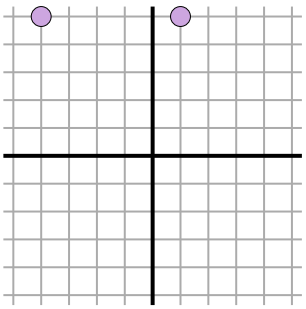
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

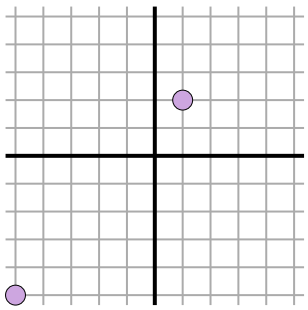
Ex)



$\sqrt{(-4-1)^2 + (5-5)^2}$

$\sqrt{(25) + (0)}$

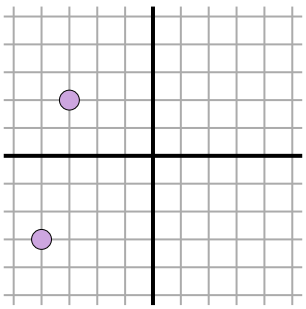
1)



$\sqrt{(-5-1)^2 + (-5-2)^2}$

$\sqrt{(36) + (49)}$

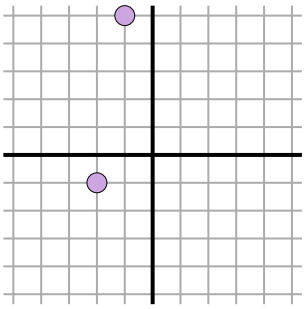
2)



$\sqrt{(-4--3)^2 + (-3-2)^2}$

$\sqrt{(1) + (25)}$

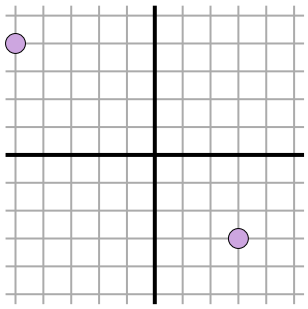
3)



$\sqrt{(-2--1)^2 + (-1-5)^2}$

$\sqrt{(1) + (36)}$

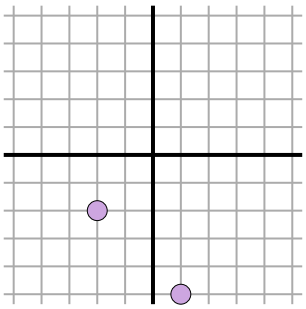
4)



$\sqrt{(-5-3)^2 + (4--3)^2}$

$\sqrt{(64) + (49)}$

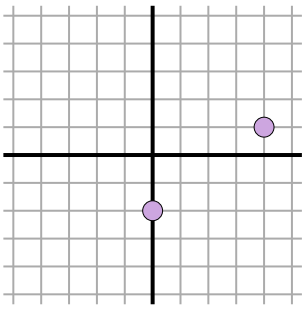
5)



$\sqrt{(-2-1)^2 + (-2--5)^2}$

$\sqrt{(9) + (9)}$

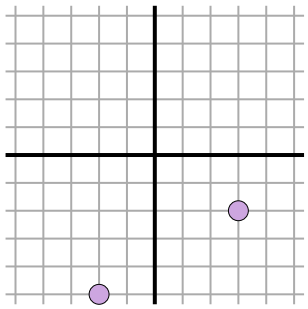
6)



$\sqrt{(0-4)^2 + (-2-1)^2}$

$\sqrt{(16) + (9)}$

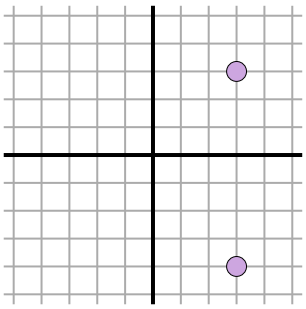
7)



$\sqrt{(3--2)^2 + (-2--5)^2}$

$\sqrt{(25) + (9)}$

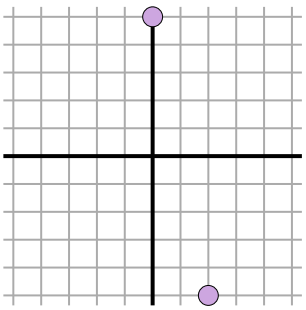
8)



$\sqrt{(3-3)^2 + (3--4)^2}$

$\sqrt{(0) + (49)}$

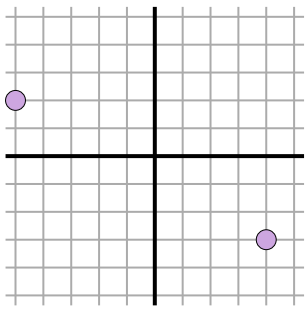
9)



$\sqrt{(0-2)^2 + (5--5)^2}$

$\sqrt{(4) + (100)}$

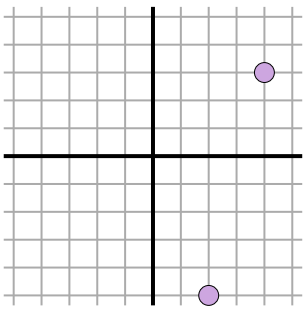
10)



$\sqrt{(-5-4)^2 + (2--3)^2}$

$\sqrt{(81) + (25)}$

11)



$\sqrt{(4-2)^2 + (3--5)^2}$

$\sqrt{(4) + (64)}$

Answers

Ex. 5

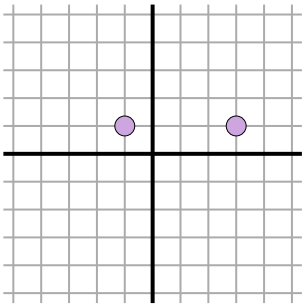
1. 9.2
2. 5.1
3. 6.1
4. 10.6
5. 4.2
6. 5
7. 5.8
8. 7
9. 10.2
10. 10.3
11. 8.2

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

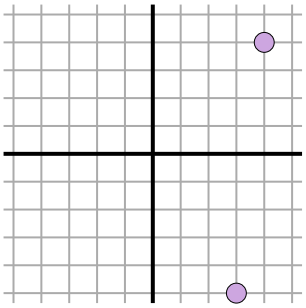
Finding Distance on a Grid Name:

Find the distance between points. Round your answer to the nearest tenth.

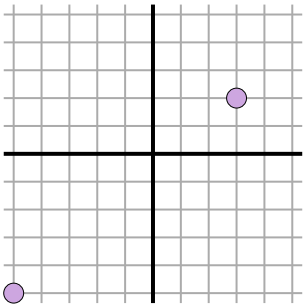
Ex)



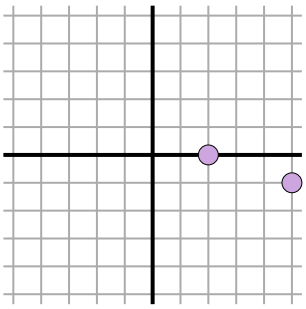
1)



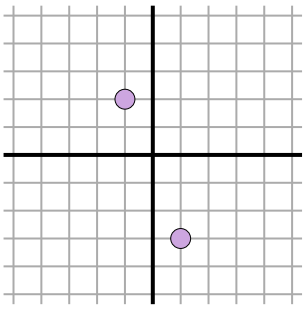
2)



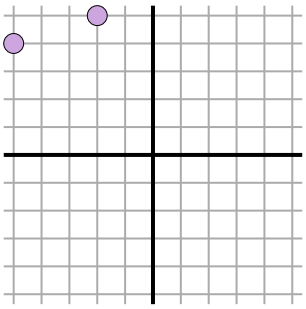
3)



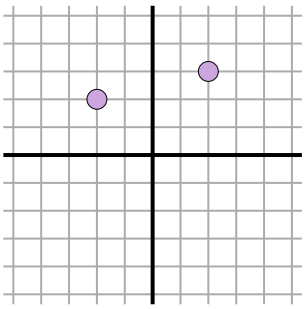
4)



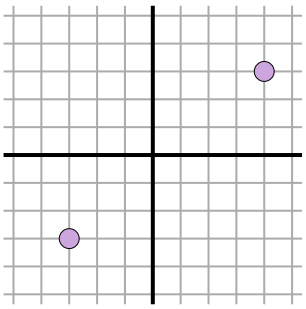
5)



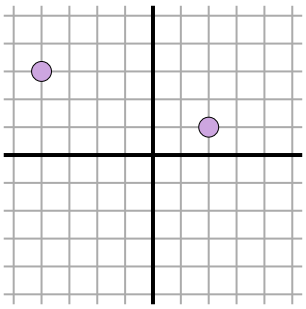
6)



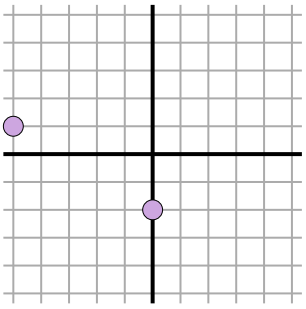
7)



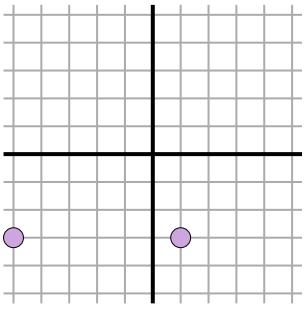
8)



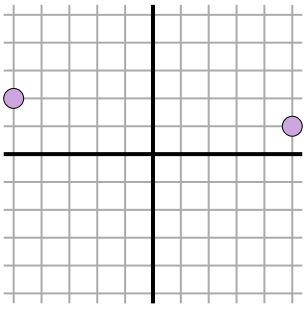
9)



10)



11)



Answers

Ex. 4

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

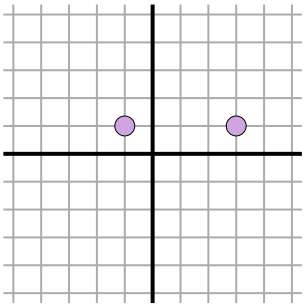
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finding Distance on a Grid Name: **Answer Key**

Find the distance between points. Round your answer to the nearest tenth.

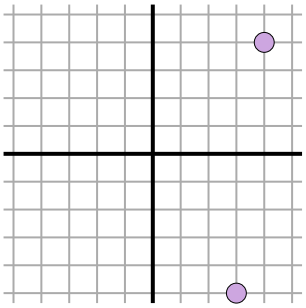
Ex)



$\sqrt{(-1-3)^2 + (1-1)^2}$

$\sqrt{(16) + (0)}$

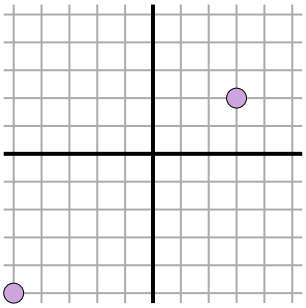
1)



$\sqrt{(3-4)^2 + (-5-4)^2}$

$\sqrt{(1) + (81)}$

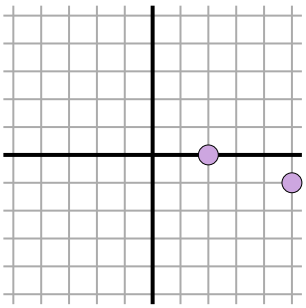
2)



$\sqrt{(3--5)^2 + (2--5)^2}$

$\sqrt{(64) + (49)}$

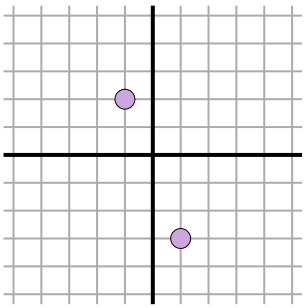
3)



$\sqrt{(5-2)^2 + (-1-0)^2}$

$\sqrt{(9) + (1)}$

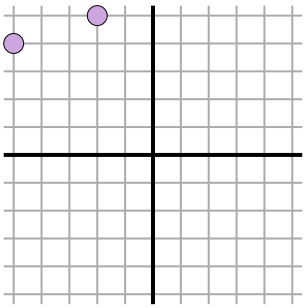
4)



$\sqrt{(-1-1)^2 + (2--3)^2}$

$\sqrt{(4) + (25)}$

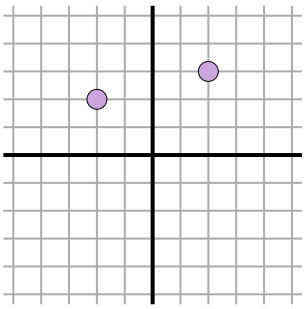
5)



$\sqrt{(-5--2)^2 + (4-5)^2}$

$\sqrt{(9) + (1)}$

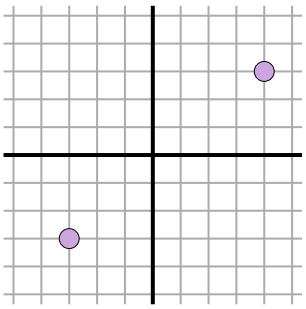
6)



$\sqrt{(-2-2)^2 + (2-3)^2}$

$\sqrt{(16) + (1)}$

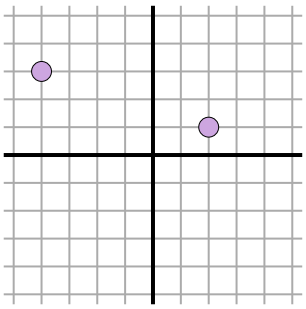
7)



$\sqrt{(-3-4)^2 + (-3-3)^2}$

$\sqrt{(49) + (36)}$

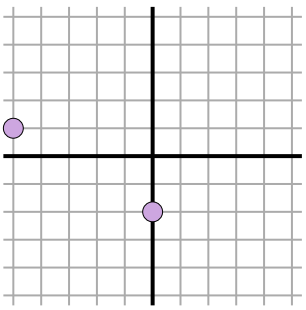
8)



$\sqrt{(-4-2)^2 + (3-1)^2}$

$\sqrt{(36) + (4)}$

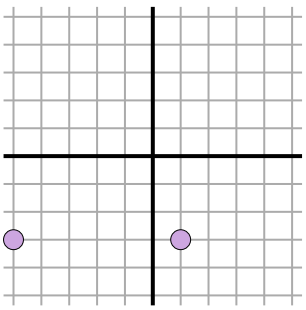
9)



$\sqrt{(-5-0)^2 + (1--2)^2}$

$\sqrt{(25) + (9)}$

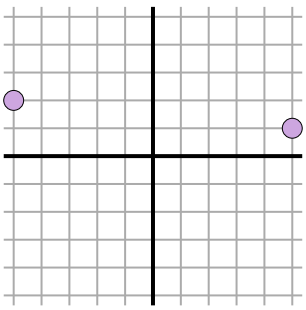
10)



$\sqrt{(-5-1)^2 + (-3--3)^2}$

$\sqrt{(36) + (0)}$

11)



$\sqrt{(-5-5)^2 + (2-1)^2}$

$\sqrt{(100) + (1)}$

Answers

Ex. 4

1. 9.1
2. 10.6
3. 3.2
4. 5.4
5. 3.2
6. 4.1
7. 9.2
8. 6.3
9. 5.8
10. 6
11. 10

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